

***** STN Columbus ***** FILE 'HOME' ENTERED AT 15:07:20 ON 21 NOV 95

=> file biosis, ca, inpadoc, wpids, medline

| COST IN U.S. DOLLARS | SINCE FILE | TOTAL | ENTRY |
|--|------------|-----------|-------|
| SESSION FULL ESTIMATED COST | | 0.26 0.26 | |
| FILE 'BIOSIS' ENTERED AT 15:07:54 ON 21 NOV 95 | | | |
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FILE 'WPIDS' ENTERED AT 15:07:54 ON 21 NOV 95
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FILE 'MEDLINE' ENTERED AT 15:07:54 ON 21 NOV 95

=> s ((DNase or DNAase or deoxyribonuclease)(w)B) and streptoco?

L1 2 FILE BIOSIS
L2 28 FILE CA
L3 11 FILE INPADOC
L4 3 FILE WPIDS
L5 94 FILE MEDLINE

TOTAL FOR ALL FILES

L6 138 ((DNASE OR DNAASE OR DEOXYRIBONUCLEASE)(W) B) AND STREPTOC O?

=> s l6 and sequence?

L7 0 FILE BIOSIS
L8 1 FILE CA
L9 0 FILE INPADOC
L10 1 FILE WPIDS

L11 0 FILE MEDLINE

TOTAL FOR ALL FILES

L12 2 L6 AND SEQUENCE?

=> d l12 1-2

L12 ANSWER 1 OF 2 CA COPYRIGHT 1995 ACS

AN 122:257973 CA

TI Recombinant ***DNase*** ***B*** derived from

Streptococcus pyogenes is overexpressed and antibodies are produced for immunochemical diagnosis of infected blood serum IN Adams, Craig W.; Pang, Patty P. Y.; Belei, C. Marina ✓

PA Beckman Instruments, Inc., USA

SO PCT Int. Appl., 97 pp.

CODEN: PIXXD2

PI WO 9500650 A1 950105

DS W: CA, JP

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE AI WO 94-US5626 940518

PRAI US 93-82845 930623 ✓

DT Patent

LA English

L12 ANSWER 2 OF 2 WPIDS COPYRIGHT 1995 DERWENT INFORMATION LTD AN 95-052087 [07] WPIDS

DNN N95-040846 DNC C95-023928

TI New DNA encoding ***Streptococcus*** pyogenes ***DNase*** ***B*** - for diagnosing S. pyogenes

infection, also new promoter for expressing other proteins.

DC B04 D16 S03

IN ADAMS, C W; BELEI, C M; PANG, P P Y ✓

PA (BECI) BECKMAN INSTR INC

CYC 19

PI WO 9500650 A1 950105 (9507)* EN 97 pp C12N015-55 RW: AT BE CH DE DK ES FR GB GR IE IT LU MC

NL PT SE W: CA JP

EP 660874 A1 950705 (9531) EN C12N015-55 R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT

SE ADT WO 9500650 A1 WO 94-US5626 940518; EP 660874 A1 EP 94-918049 940518, WO 94-US5626 940518

FDT EP 660874 A1 Based on WO 9500650

PRAI US 93-82845 930623

IC ICM C12N015-55

ICS C07K003-28; C12N001-21; C12N009-22; C12N015-62; C12N015-70; C12P021-08; C12Q001-68;

G01N033-573

= > s I6 and coding

L13 0 FILE BIOSIS

L14 0 FILE CA

L15 0 FILE INPADOC

L16 0 FILE WPIDS

L17 0 FILE MEDLINE

TOTAL FOR ALL FILES

L18 0 L6 AND CODING

= > s I6 and vector?

L19 0 FILE BIOSIS

L20 1 FILE CA

L21 0 FILE INPADOC

L22 0 FILE WPIDS

L23 0 FILE MEDLINE

TOTAL FOR ALL FILES

L24 1 L6 AND VECTOR?

= > s I6 and recombina?

L25 0 FILE BIOSIS

L26 1 FILE CA

L27 3 FILE INPADOC

L28 0 FILE WPIDS

L29 0 FILE MEDLINE

TOTAL FOR ALL FILES

L30 4 L6 AND RECOMBIN?

= > s I30 not I12

L31 0 FILE BIOSIS

L32 0 FILE CA

L33 3 FILE INPADOC

L34 0 FILE WPIDS

L35 0 FILE MEDLINE

TOTAL FOR ALL FILES

L36 3 L30 NOT L12

= > d I36 1-3

L36 ANSWER 1 OF 3 INPADOC COPYRIGHT 1995 EPO

AN 23885980 INPADOC EW 9527 UP 950715

TI RECOMBINANT DNASE B DERIVED FROM STREPTOCOCCUS PYOGENES. IN ADAMS, CRAIG, W.; PANG, PATTY, P., ✓

Y.; BELEI, C., MARINA INS ADAMS CRAIG W; PANG PATTY P Y; BELEI C MARINA

INA US

PA BECKMAN INSTRUMENTS, INC.

PAS BECKMAN INSTRUMENTS INC

PAA US

LA English

TL English; French; German

DT Patent

PIT EPA1 PUBL. OF APPLICATION WITH SEARCH REPORT

PI EP 660874 A1 950705 ✓

DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE

AI EP 94-918049 A 940518 ✓

PRAI WO 94-US5626 W 940518

US 93-82845 A 930623

L36 ANSWER 2 OF 3 INPADOC COPYRIGHT 1995 EPO

AN 23576920 INPADOC EW 9516 UP 950429

TI RECOMBINANT DNASE B DERIVED FROM STREPTOCOCCUS PYOGENES. IN ADAMS, CRAIG W.; PANG, PATTY P.; BELEI, C. MARINA ✓

INS ADAMS CRAIG W; PANG PATTY P; BELEI C MARINA

INA US

PA BECKMAN INSTRUMENTS, INC.

PAS BECKMAN INSTRUMENTS INC

PAA US

LA English

TL English

DT Patent

PIT CAAA LAID-OPEN APPLICATION

PI CA 2141535 AA 950105 ✓

AI CA 94-2141535 A 940518 ✓

PRAI US 93-82845 A 930623

L36 ANSWER 3 OF 3 INPADOC COPYRIGHT 1995 EPO

AN 23232738 INPADOC EW 9523 UP 950617

TI RECOMBINANT DNASE B DERIVED FROM STREPTOCOCCUS PYOGENES. IN ADAMS, CRAIG, W.; PANG, PATTY, P., Y.; BELEI, C., MARINA INS ADAMS CRAIG W; PANG PATTY P Y; BELEI C MARINA ✓

PA BECKMAN INSTRUMENTS, INC.

PAS BECKMAN INSTRUMENTS INC

PAA US

LA English

TL English; French

DT Patent

PIT WOA1 PUBL. OF THE INT. APPL. WITH INT. SEARCH REPORT

PI WO 9500650 A1 950105 100000

DS W CA; W JP

RW AT; RW BE; RW CH; RW DE; RW DK; RW ES; RW FR; RW GB; RW GR; RW IE; RW IT; RW LU; RW MC; RW NL; RW PT; RW SE

AI WO 94-US5626 A 940518

PRAI US 93-82845 A 930623

OSCA 122:257973

OSDW 95-052087

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY SESSION

FULL ESTIMATED COST

18.90

19.16

+++

STN INTERNATIONAL LOGOFF AT 15:12:04 ON 21 NOV 95

OK

ATH

OK

08/393,889 ~~08/393,889~~

08/82845

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*      The USPTO production files are current through:      *
*      21 Nov 1995 for U.S. Patent Text Data.                *
*      21 Nov 1995 for U.S. Current Classification data.      *
*      21 Nov 1995 for U.S. Patent Image Data.                *
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FILE 'USPAT' ENTERED AT 15:00:56 ON 21 NOV 95

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=> s ((DNase or DNAase or deoxyribonuclease)(w)B) and streptoco?
      905 DNASE
      138 DNAASE
      351 DEOXYRIBONUCLEASE
      965411 B

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      6 (DNASE OR DNAASE OR DEOXYRIBONUCLEASE) (W)B
      5554 STREPTOCO?
L1      4 ((DNASE OR DNAASE OR DEOXYRIBONUCLEASE) (W)B) AND
STREPTOCO?
=> d l1 1-4

```

1. 5,055,395, Oct. 8, 1991, Latex agglutination method for the detection of anti-**streptococcal** **deoxyribonuclease** **B**; Tibor Toth, 435/7.34, 7.4, 7.92, 18, 184, 188, 196, 970; 436/533, 534, 535, 808, 823 [IMAGE AVAILABLE]

2. 4,592,995, Jun. 3, 1986, Reagent for **streptococcal** anti-esterase assay; Seiki Hayano, et al., 435/7.1, 7.34, 7.4, 7.92, 810, 975; 436/519, 527, 529, 828 [IMAGE AVAILABLE]

3. 4,481,291, Nov. 6, 1984, Process for determining **streptococcal** desoxyribonuclease B according to the toluidine blue O method; Reiner Gils, 435/6, 21; 436/508 [IMAGE AVAILABLE]

4. 3,990,946, Nov. 9, 1976, Substrate for the determination of desoxy-ribonuclease; Ekkehard Tiesler, 435/19, 6; 436/508 [IMAGE AVAILABLE]

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=> s l1 and sequence?
      268634 SEQUENCE?
L2      0 L1 AND SEQUENCE?

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=> log y
U.S. Patent & Trademark Office LOGOFF AT 15:03:34 ON 21 NOV 95
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OK
ATH

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OK